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RETRACTION LOOPS IN ORTHODONTICS

By Praveen, B. S.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | ANALYSIS OF VARIOUS LOOP DESIGNS USING ORTHOMEASURE | Extractions in orthodontics have been well accepted for correction of dental irregularities and camouflaging skeletal disproportions. Various types of loops form an integral part of frictionless retraction mechanics utilized to close the extraction spaces. The two major characteristics of loops for effecting physiological tooth movement are : Adequate moment to force (M/F) ratio, which would be required for translatory tooth movement, and low load deflection rate to maintain optimum force levels over a long range. This book focuses on a comprehensive analysis of thirty five clinically useful loop configurations, fabricated from 0.018" x 0.025" rectangular stainless steel and Titanium molybdenum alloy (TMA) wires using Orthomeasure - a precision force and moment meter. The clinical usefulness of these different loop configurations has been discussed and hence the book is a useful source for the orthodontic fraternity as it provides an insight to the way different loop designs perform when fabricated using different alloys and when subjected to parametric changes. | Format: Paperback | Language/Sprache: english | 168 gr | 220x150x6 mm | 100 pp.



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Reviews

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